DEPARTMENT OF THE ARMY
Omaha District, Corps of Engineers
106 South 15th Street
Omaha, Nebraska 68102-1618

| | |
|---|---|
| :NOTICE: Failure to acknowledge : :all amendments may cause rejec- : :tion of the bid. See FAR : :52.214-3 of Section 00100 : | Solicitation No. DACW45 03 B 0019<br><br>Date of Issue: 21 Aug 2003<br>Date of Opening: 22 Sep 2003 |

Amendment No. 0001
05 September 2003

SUBJECT: Amendment No. 0001 to Specifications and Drawings for Construction of **Linton Mine and Mill Site Reclamation Project, Missoula County, MT.** Solicitation No. DACW45 03 B 0019.

TO: Prospective Bidders and Others Concerned

1. The specifications and drawings for subject project are hereby modified as follows (revise all specification indices, attachment lists, and drawing indices accordingly).

a. Specifications. (Descriptive Changes.)

(1) Section 00800 Page 3, paragraph 1.1. Insert the following after the first sentence in the paragraph: "Any work that will disturb the Cramer Creek stream and/or streambed will not be allowed to start until July 1, 2004."

(2) Section 00800 Page 3, paragraph 1.4. Change the first sentence to read: "No work will be required at the construction site during the period 01 November 2003 through 01 June 2004 inclusive."

(3) Section 01010 Page 13 of 65, Paragraph 3.8.1,
a) 1st paragraph, after 3rd sentence add the following: "Repository test pit soil data is provided for information only and attached to this section (See Attachment B)."
b) 2nd paragraph, change the last sentence to read: "All tree stumps within the excavated footprint shall be removed from the project site and disposed of at a properly licensed landfill facility, or alternatively, the tree stumps may be shredded and scattered."

(4) Section 01010 Page 17 of 65, paragraph 3.10.1. Change the last sentence in the first paragraph to read: "Excavation of mine wastes shall be in accordance with the lines and grades indicated on the Drawings, as indicated by construction staking (to be performed by the Contracting Officer).

(5) Section 01010 Page 28 of 65, paragraph 3.17.1. Change the third sentence in the first paragraph to read: "Work in this section shall be coordinated with other Work as necessary, working upstream to downstream."

(6) Section 01355, Attachments. Add omitted page 2 of U.S. Army Corps of Engineers, Helena Regulatory Office, permit correspondence dated June 27, 2003.

(7) Section 01400 Page 5, add the following new paragraph

"1.8 QUALIFICATIONS AND DUTIES

A Site Safety and Health Officer (SSHO) shall be provided at the work site at all times to perform safety and occupational health management, surveillance, inspections, and safety enforcement for the Contractor. The SSHO shall have no duties other than Safety and Health related duties.

1.8.1 The SSHO shall have the following qualifications:

a. A minimum of 3 years experience in implementing safety and health programs at sites with similar hazards.

b. Documented experience in the construction techniques and safety procedures required for this site.

c. Working knowledge of Federal and state occupational safety and health regulations.

d. Formal safety training and competent person status in fall protection and excavation.

e. Completion of 40 hours of hazardous waste instruction and additional training as a supervisor in accordance with 29 CFR 1910.120/1926.65.

1.8.2 The SSHO shall:

a. Perform onsite health and safety training and day-to-day onsite implementation and enforcement of the Accident Prevention Plan.

b. Have authority to ensure site compliance with applicable safety and health requirements, including Federal OSHA, state occupational safety regulations and all aspects of the Accident Prevention Plan. Contaminate concentration levels found at the Linton Mine site are provided for information as an attachment to this section.

c. Have authority to stop work if unacceptable health or safety conditions exist, and take necessary action to re-establish and maintain safe working conditions.

d. In coordination with site management, recommend corrective actions for identified deficiencies and oversee the corrective actions. Coordinate and obtain approval for any modifications to approved health and safety plans.

e. Conduct accident investigations and prepare accident reports.

f. Review results of quality control inspections and document safety and health findings in the Daily Safety Inspection Log."

(8) Section 01400, Add the following Attachments to the end of

the Section: Table B-1 Solid Media Data; Table B-4 Supplemental Sampling Solid Media Data; Table B-5 Supplemental Sampling TCLP Metal Results.

2. This amendment is a part of the bidding papers and its receipt shall be acknowledged on the Standard Form 1442. All other conditions and requirements of the specifications remain unchanged. If the bids have been mailed prior to receiving this amendment, you will notify the office where bids are opened, in the specified manner, immediately of its receipt and of any changes in your bid occasioned thereby.

a. Hand-Carried Bids shall be delivered to the U.S. Army Corps of Engineers, Omaha District, Contracting Division (Room 301), 106 South 15th Street, Omaha, Nebraska 68102-1618.

b. Mailed Bids shall be addressed as noted in Item 8 on Page 00010-1 of Standard Form 1442.

3. Bids will be received until 2:00 p.m., local time at place of bid opening, 22 Sep 2003.

Attachments: Spec attachments listed in 1.a. above

U.S. Army Engineer District, Omaha
Corps of Engineers
106 South 15th Street
Omaha, Nebraska 68102-1618

05 Sep 2003
MFS/4411

| ATTACHMENT B | | | |
|---|---|---|---|
| LINTON REPOSITORY INVESTIGATION - TEST PIT LOGS | | | |
| JUNE 27, 2002 | | | |
| | | | |
| **TEST PIT I.D.** | **SAMPLE DEPTH INTERVAL (feet)** | **DESCRIPTION** | **LAB SAMPLE NUMBER (COMPOSITE)** |
| | | | |
| BA4-1 | 0-1 | Silty loam, topsoil, dark brown | |
| | 1 -9 | Light brown/orange with some streaks of gray clay material, <10% rock 1/2" minus | BA4-1B |
| | | | |
| BA4-2 | 0-1 | Silty loam, topsoil, dark brown | |
| | 1 - 5.5 | Light brown/orange clay with approximately 25% rock 6' minus, but with occasional boulder 12" plus. | BA4-1B |
| | 5.5 | Backhoe refusal | |
| | | | |
| BA4-3 | 0-1 | Silty loam, topsoil, dark brown | |
| | 1 - 3 | Dark brown silty clay, with approximately 80% large boulders 12" plus | No Sample Collected |
| | 3 | Backhoe refusal | |
| | | | |
| BA4-4 | 0-1 | Clay loam, topsoil, dark brown | |
| | 1 - 4 | Dark brown clay <10% rock | BA4-1B |
| | 4 - 8 | Reddish brown clay <10% rock | BA4-1B |
| | 8 | Encountered blue limestone bedrock | |
| | | | |
| BA4-5 | 0-1 | Clay loam, topsoil, dark brown | |
| | 1 - 9.5 | Reddish brown clay silt, <10% rock 3/4 minus, occasional large boulder 12" minus. | BA4-1B |
| | 9.5 | Backhoe refusal | |
| | | | |
| BA4-6 | 0-1 | Clay loam, topsoil, dark brown | |
| | 1 - 3 | Dark brown silty clay, with approximately 90% large boulders 8" plus | No Sample Collected |
| | 3 | Encountered blue limestone bedrock | |
| | | | |
| BA4-7 | 0-2 | Clay loam, topsoil, dark brown | |
| | 2 - 4 | Light brown/reddish clay | BA4-1B |
| | 4 - 8 | Silt stone/shale (gravelly) approximately 80% 1" minus with occasional large boulder 12" plus. | BA4-1B |
| | 8 | Encountered blue limestone bedrock | |
| | | | |
| BA4-8 | 0-2 | Silty clay loam, topsoil, dark brown | |
| | 2 - 9.5 | Reddish brown clayey silt with <10% rock 1" minus. | BA4-2B |
| | 9.5 | Encountered blue limestone bedrock | |
| | | | |
| BA4-9 | 0-2 | Clay loam, topsoil, dark brown | |
| | 2 - 5 | Light brown/reddish clay | BA4-2B |
| | 5 - 8.5 | Yellow clay with approximately 20% rock 3" minus. | BA4-2B |
| | 8.5 | Encountered blue limestone bedrock | |

| ATTACHMENT B (continued) | | | |
|---|---|---|---|
| LINTON REPOSITORY INVESTIGATION - TEST PIT LOGS | | | |
| JUNE 27, 2002 | | | |
| | | | |
| TEST PIT I.D. | SAMPLE DEPTH INTERVAL (feet) | DESCRIPTION | LAB SAMPLE NUMBER (COMPOSITE) |
| BA4-10 | 0-2 | Clay loam, topsoil, dark brown | |
| | 2 - 5 | Light brown/orange clay with approximately 40% rock 8' minus. | BA4-2B |
| | 5 - 9.5 | Orange clay with approximately 60% rock 6" minus. | BA4-2B |
| | 9.5 | Backhoe refusal, orange bedrock. | |
| | | | |
| BA4-11 | 0-1 | Clay, topsoil, dark brown | |
| | 1 - 4 | Light brown clay | No Sample Collected |
| | 4 - 7.5 | Yellow rocky clay, with approximately 60% rock 3" minus. | |
| | 7.5 - 9.5 | Light gray clay, with approximately 80% rock 6" minus. | |
| | | | |
| BA4-12 | 0-2 | Dark brown clay, topsoil | |
| | 2 - 6 | Orange/brown clay with approximately 30% rock 6" minus. | No Sample Collected |
| | 6 | Encountered blue limestone bedrock | |
| | | | |
| BA4-13 | 0-2 | Dark brown clay, topsoil | |
| | 2 - 6.5 | Light brown clay, <10% rock 1/2 minus. | No Sample Collected |
| | 6.5 | Encountered blue limestone bedrock | |
| | | | |
| BA4-14 | 0-2 | Dark brown clay, topsoil | |
| | 2 - 4.5 | Light brown silt with approximately 95% rock 12" minus. | No Sample Collected |
| | 4.5 | Backhoe refusal | |
| | | | |
| BA4-15 | 0 - 1 | Silty loam topsoil, dark brown. | |
| | 1 - 10.5 | Orange/brown silty clay with <10% rock 1/2" minus. | No Sample Collected |
| | 10.5 | Excavator limit. | |
| | | | |
| BA4-16 | 0 - 1 | Silty loam topsoil, dark brown. | |
| | 1 - 5 | Light brown silty clay with approximately 80% rock 6" minus. | No Sample Collected |
| | 5 | Rockier at depth, backhoe refusal. | |
| | | | |
| BA4-17 | 0 - 2 | Light brown clay topsoil. | |
| | 2 - 8 | Light brown clay, with <10% rock 1/2" minus. | No Sample Collected |
| | 8 - 11 | Light gray silty clay, with <10% rock 1" minus. | No Sample Collected |
| | | | |
| | | | |

**ATTACHMENT B - LINTON MINE AND MILL SITE REPOSITORY INVESTIGATION**
**LABORATORY HYROMETER RESULTS**

| Field ID | Sample Date | Coarse (%) | Sand (%) | Silt (%) | Clay (%) | USDA Texture |
|---|---|---|---|---|---|---|
| BA4-1B | 7/2/2002 | 49.0 | 36.0 | 28.0 | 36.0 | Clay Loam |
| BA4-2B | 7/2/2002 | 60.1 | 40.0 | 20.0 | 40.0 | Clay / Clay Loam |

REPOSITORY FOOTPRINT

EVAPORATION POND FOOTPRINT

N

TP BAA-6
TP BAA-15
TP BAA-7
TP BAA-5
TP BAA-8
TP BAA-17
TP BAA-4
TP BAA-18
TP BAA-9
TP BAA-1
TP BAA-2
TP BAA-14
TP BAA-10
TP BAA-3
TP BAA-13
TP BAA-11
TP BAA-12

X — X

.1-4 10-15

LEGEND

TP BAA-1 TEST PIT LOCATION

PIONEER TECHNICAL SERVICES, INC.

ATTACHMENT: B
REPOSITORY AREA
TEST PIT LOCATIONS

SCALE: 1"=150'
DATE: 08/28/03

borrow-testpit-location-AllB

401 Water Quality Certification for this project.

You are responsible for all work accomplished in accordance with the terms and conditions of the nationwide permit. If a contractor or other authorized representative will be accomplishing the work authorized by the nationwide permit on your behalf, it is your responsibility to provide a copy of this letter and the attached conditions to them so they are aware of the limitations of this authorization. Any activity which fails to comply with all the terms and conditions of this authorization will be considered unauthorized and subject to appropriate enforcement action.

In compliance with General Condition 14 of the fact sheet, the attached Compliance Certification form must be signed and returned to this office upon completion of the authorized work and any required mitigation.

This verification will be valid until June 27, 2005.

Should you at any time become aware that either an endangered and/or threatened species or its critical habitat exists within the project area, you must immediately notify this office.

If you have any questions concerning this determination, please contact Vicki Sullivan at (406) 441-1375 and reference Corps File No. 2003-90-352.

Sincerely,

Allan Steinle

Allan Steinle
Montana Program Manager

Enclosure

CF:(W/O Enclosure)
Nancy Anderson, BLM, 3225 FT. Missoula Road, Helena, MT 59626

TABLE B-1
LINTON MINE AND MILL SITE
SOLID MEDIA DATA

| Sample ID | As mg/Kg | Cd mg/Kg | Cu mg/Kg | Pb mg/Kg | Zn mg/Kg | Sample Date | Sample Description |
|---|---|---|---|---|---|---|---|
| 32-017-WR-1 | 30 JX | 0.5 U | **155** | **4890** J | 56 J | Jul-93 | Waste Rock |
| 32-017-WR-4 | **136** JX | 0.5 U | **183** JX | **14100** | 36 J | Jul-93 | Waste Rock |
| L1 | **482** | 4.68 | **210** | **17900** | 86.2 | Jul-97 | Waste Rock |
| L2 | **124** | 4.68 | **307** | **28200** | 42.7 | Jul-97 | Waste Rock |
| L3 | **241** | 4.35 | **177** | **9340** | 29.8 | Jul-97 | Waste Rock |
| 32-017-TP-1 | **1090** JX | 0.6 U | **105** | 210 J | 85 J | Jul-93 | Mill Tailings |
| CBTD10M | **256** | 1.1 | **110** | **1050** | 76.2 | Aug-95 | Mill Tailings |
| L4 | **136** | 4.21 | 83 | **5180** | 38.6 | Jul-97 | Mill Tailings |
| L5 | **144** | 4.21 | **136** | **4990** | 38.4 | Jul-97 | Mill Tailings |
| L6 | 46.7 | 4.88 | **325** | **11200** | 44.9 | Jul-97 | Mill Tailings |
| 32-017-SE-1 | **168** JX | 0.5 U | 57.2 JX | **5830** | 60 J | Jul-93 | Sediment |
| 32-017-SE-2 | 6 U | 0.6 U | 10.4 JX | 88 | 65 J | Jul-93 | Sediment |
| L7 | **139** | 6.12 | 78.4 | **3700** | 69.4 | Jul-97 | Sediment |
| L8 | 77.2 | 12.3 | **167** | **6900** | 157 | Jul-97 | Sediment |
| **32-017-SS-1** | **17 JX** | **0.5 U** | **17.6** | **63 J** | **57 J** | **Jul-93** | **Background** |

U - Not Detected, J - Estimated Quantity, X - Outlier for Accurace or Precision.

**TABLE B-4**
**LINTON MINE AND MILL SITE**
**SUPPLEMENTAL SAMPLING SOLID MEDIA DATA**

| Sample ID | Sb mg/Kg | As mg/Kg | Ba mg/Kg | Cd mg/Kg | Ca mg/Kg | Cr mg/Kg | Cu mg/Kg | Fe mg/Kg | Pb mg/Kg | Mg mg/Kg | Mn mg/Kg | Hg mg/Kg | Ni mg/Kg | Ag mg/Kg | Zn mg/Kg | Sample Date | Sample Description |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LIN-SS-1 | 6.6 U | 12.6 B | 258 | 0.85 U | 4870 | 16.2 | 12.2 | 21100 | 58.1 | 3060 | 907 | 0.021 B | 18.4 | 1.1 B | 44.5 | Nov-00 | Background |
| LIN-SS-2 | 6.5 U | 6.4 U | 28.7 B | 0.84 U | 207000 | 1.9 U | 32.3 | 2330 | 117 | 124000 | 520 | 0.025 B | 3.0 U | 0.99 U | 26.8 | Nov-00 | Background |
| LIN-SE-1 | 6.1 U | 219 | 2260 | 0.78 U | 106000 | 4.5 | 79.3 | 11100 | 2000 | 59300 | 10900 | 0.24 | 36.4 | 0.93 U | 65.3 | Nov-00 | Sediment |
| LIN-SE-2 | 15.2 | 95.2 | 1780 | 0.86 U | 79100 | 9.0 | 69.3 | 14100 | 2650 | 44200 | 8510 | 0.26 | 34.7 | 1 U | 67.8 | Nov-00 | Sediment |
| LIN-SE-3 | 7.4 B | 295 | 7140 | 0.83 U | 70500 | 3.6 | 109 | 14300 | 4800 | 36500 | 34600 | 0.39 | 110 | 0.99 U | 95.6 | Nov-00 | Sediment |
| LIN-SE-4 | 6.5 U | 6.4 U | 182 | 0.84 U | 151000 | 17.2 | 23.2 | 11800 | 42.7 | 37600 | 304 | 0.04 | 16.6 | 0.99 U | 277 | Nov-00 | Sediment (Background) |
| UPP-1 | 56.5 | 6.0 U | 5.3 B | 45.4 | 0.8 U | 9.1 U | 168 | 1800 | 3940 | NA | 321 | 4.7 | 14.3 U | 0.95 U | 31.4 | Nov-00 | Upper Waste |
| LOW-1 | 13.1 | 1100 | 11500 | 34.4 | 0.8 U | 16.4 | 123 | 22500 | 545 | NA | 55500 | 0.84 | 21.3 | 3.2 | 87.6 | Nov-00 | Lower Waste |
| LOW-2 | 71.6 | 527 | 3560 | 33.6 | 0.8 U | 7.9 | 230 | 12500 | 11300 | NA | 18700 | 5.1 | 7.8 | 4.4 | 67.7 | Nov-00 | Lower Waste |
| LOW-3 | 9.3 B | 47.6 | 1540 | 13.7 | 0.8 U | 7.4 | 44.9 | 7680 | 11100 | NA | 2480 | 3.9 | 6.8 B | 2.6 | 39.4 | Nov-00 | Lower Waste |
| REPOS-1 | 62.9 | 75.7 | 183 | 45.8 | 0.8 U | 16.4 | 225 | 8040 | 14900 | NA | 1410 | 2.8 | 21.3 | 0.95 U | 45.5 | Nov-00 | Repository |
| BA-2 | 9.3 B | 13.5 | 43.6 | 0.85 U | NA | 6.4 | 21.1 | 7820 | 173 | NA | 400 | 0.19 | 11.9 | 0.8 U | 80.2 | Nov-01 | Borrow |
| BA-3 | 7.4 B | 11.6 B | 111 | 0.88 U | NA | 14.4 | 52.5 | 26100 | 368 | NA | 628 | 0.54 | 27.4 | 1.3 B | 127 | Nov-01 | Borrow |
| BA-4 | 10.4 B | 6.4 U | 9.2 B | 0.85 U | NA | 5.2 | 8.4 | 2860 | 64.2 | NA | 166 | 0.17 | 8.3 | 1.5 B | 27.8 | Nov-01 | Borrow |

U - Not Detected, J - Estimated Quantity.

B - Concentration greater than IDL but less than PQL.

NA - Not sampled

**TABLE B-5**
**LINTON MINE AND MILL SITE**
**SUPPLEMENTAL SAMPLING TCLP METAL RESULTS**

| Sample ID | Sample Date | Sample Description | µg/L | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | As | Ba | Cd | Cr | Pb | Hg | Se | Ag |
| LIN-STS-1 | Nov-00 | Streamside Waste | 32.6 U | 2470 | 4.3 U | 9.8 U | 996 | 0.24 | 46.7 U | 5.1 U |
| LIN-STS-2 | Nov-00 | Streamside Waste | 32.6 U | 340 | 4.3 U | 9.8 U | **79600** | 0.31 | 46.7 U | 5.1 U |
| UPP-1 | Nov-00 | Upper Waste Rock | 32.6 U | 161 B | 4.3 U | 9.8 U | **41900** | 4.40 | 46.7 U | 5.1 U |
| LOW-1 | Nov-00 | Lower Waste Rock | 47.8 B | 6270 | 4.3 U | 9.8 U | 42.5 B | 0.20 | 46.7 U | 5.1 U |
| LOW-2 | Nov-00 | Lower Waste Rock | 32.6 U | 2860 | 4.3 U | 9.8 U | **90600** | 0.39 | 46.7 U | 5.1 U |
| LOW-3 | Nov-00 | Lower Waste Rock | 32.6 U | 1490 | 4.3 U | 9.8 U | **374000** | 0.80 U | 46.7 U | 5.1 U |
| REPOS-1 | Nov-00 | Repository | 32.6 U | 199 B | 4.3 U | 9.8 U | **92800** | 1.6 | 46.7 U | 5.1 U |

B - Concentration greater than IDL but less than PQL.

U - Not detected

Bold - Failed TCLP

**PROVIDED FOR INFORMATION ONLY – NOT PART OF SOLICITATION**
**(Contractors are to prepare bids based upon official solicitation documents)**

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**Linton Mine and Mill Site Reclamation Project**
**Pre-Bid Conference/Site Tour Minutes**

The Pre-Bid Conference for the Linton Mine and Mill Site Reclamation Project was held on Tuesday, August 26, 2003 at 1:00 p.m. at the project site. All persons in attendance were requested to fill out the attendance sheet (see Attachment A). Mike Browne with the U.S. Bureau of Land Management (BLM) Butte, MT, Field Office began the conference by introducing himself and other representatives involved with engineering design and administration of the reclamation project, including:

**U.S. Bureau of Land Management (BLM)**
Dave Williams (Project Manager with the Butte, MT, Field Office)
Mindy Mason (Geologist with the Missoula, MT, Field Office)

**U.S. Army Corps of Engineers (USACE)**
Mark Mailander (Administrative Contracting Officer)
Don Streib (Construction Representative)
Dan Gillespie (Project Manager)

**Pioneer Technical Services, Inc. (Pioneer)**
Shawn Bisch (Project Manager)
Marty Bennett (Project Engineer)
Bart Richardson (Construction Inspector)

Mike Browne briefly described how the construction contract will be administered by the USACE with technical support provided by Pioneer, and then turned the conference over to Mark Mailander (USACE) who gave a brief overview of the project regarding bid date, contract time, winter shutdown period, etc.

The conference was then turned over to Marty Bennett and Shawn Bisch (Pioneer), who provided the technical presentation and individual site feature tour. Pioneer discussed each major feature associated with the project, individually. These main features include: 1) the mine waste excavation area located near the mill site within the Cramer Creek floodplain; 2) constructed repository area located approximately 6-miles up the Cramer Creek road from the mine site; and 3) upper cavern and open pit area (including haul road construction) located approximately 900 vertical feet directly above the mill site. During the technical presentation and site tour, the following Contractor's questions were fielded by Pioneer, BLM, and USACE personnel:

**Mill Site/Mine Waste Excavation Area**

Q. When are the bids due?

A. The official bid due date is posted on the U.S. Army Corp of Engineers webpage , http://ebs-nwo.wes.army.mil, and is currently 2:00 PM September 22, 2003.

Q. When can work start?
A. After Notice to Proceed is provided by the USACE and required submittals are received and approved. See Specification Section 0800 Sub-section 1.1.1.

Q. Can the county road, designated to be improved and/or reconstructed, be worked on this year?
A. Yes, see Specification Section 0800.

Q. What is the Contract Duration?
A. 120 Days. See Specification Section 0800 Sub-section 1.1.

Q. When is the winter shut-down period?
A. November 1, 2003 through June 1, 2004; however, if the contractor chooses to complete any work during this "dormant period", it will not be counted against the 120 day contract time. See Specification Section 0800, Sub-section 1.4, and Amendment #1.

Q. When does the underground utility line get moved?
A. The Contractor is responsible for scheduling all utility relocation with the appropriate utility owner (preliminary arrangements have been made, and appropriate contacts are provided in the project specifications). See Specification Section 01010, Sub-section 3.5.

Q. Is June 1, 2004 the project start date?
A. No, the start date corresponds with the date that the Notice to Proceed is issued. See Specification Section 0800, Sub-section 1.1.1.

Q. When will any necessary addendums be available to bidders?
A. Amendments will be issued as necessary to registered plan holders.

Q. Who will stake out the excavation?
A. Pioneer will perform all construction staking for the project. See Specification Section 01010, Sub-section 3.8.1 & 3.10.1, and Amendment #1.

Q. Does Contractor have access to the survey notes?
A. Yes, pertinent survey information is provided on the Design Drawings (i.e., Plans).

Q. Does the Contractor have access to electronic files of the Plans?
A. No, all bids shall be based on the hard copy drawings.

Q. Who is responsible for providing As-Builts?
A. Pioneer will prepare As-Built Drawings. See Specification Section 0800, Sub-section 1.18.

Q. What's supposed to be done with the concrete foundations (mill area)?
A. Break up the concrete to appropriate size and dispose in the open cavern area, as specified in the Summary of Work Section of the bid documents. See Specification Section 01010, Sub-section 3.10.

Q. What is the water source for dust control?
A. The Contractor is responsible for identifying a water source. The Contractor will not be allowed to remove water from Cramer Creek, which is a fully appropriated stream, unless the Contractor makes appropriate arrangements with the owner of the water rights. See Specification Section 01010, Sub-section 3.2.

Q. Are the water rights held locally?
A. The Contractor will need to make that determination through the Water Rights Bureau, Montana Department of Natural Resources and Conservation.

Q. What environmental permits are required for the project?
A. All environmental permit information is included in the bid documents. All permit applications have been preliminarily completed and all associated fees have been paid for by the BLM. The Contractor will be required to sign and comply with the permits. See Specification Section 01355.

Q. Is 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER) 40-hour training required for all individuals working on the site?
A. Yes. See Specification Section 01010, Sub-section 1.4, and Section 1400.

Q. Are the mine wastes considered "hazardous"?
A. Yes. The mine wastes fail the Toxicity Characteristic Leaching Procedure (TCLP) criteria for lead, which means that the wastes are considered hazardous due to the characteristic of toxicity. See Amendment #1.

Q. What is the total concentration of lead in the mine wastes.
A. Over 10,000 parts per million (ppm) lead. **NOTE: Total lead concentrations in the mine wastes vary from 210 to 28,200 ppm; additionally, total arsenic concentrations vary from 124 to 1,090 ppm.** See Amendment #1.

Q. What are the requirements for improving the roads?
A. The Contractor will be required to improve the County road to the minimum extent practical to allow efficient movement of his equipment and personnel. The Contractor is also responsible for maintenance and repair of damages caused by his equipment on the County road throughout the duration of the project. See Specification Section 01010, Sub-section 3.2.

Q. What is the traffic control plan?
A. The Contractor will be required to submit a Traffic Control Plan to indicate how the public will be protected from construction traffic throughout the duration of the project. See Specification Section 1200 & 01010.

Q. Is any logging currently being conducted in the project area?
A. Currently, there is no logging occurring in the area. And the latest reports from Plum Creek Timber Co. indicate that no logging is planned in this area in the near future.

**Repository Area (approximately 6-miles above the mill site)**

Q. The repository area requires clearing and grubbing of timber and brush, what is the Contractor supposed to do with the slash piles?
A. All merchantable timber within the footprint area of the repository shall be harvested and decked as specified in the bid documents. The decked timber shall remain the property of the BLM. Treatment of slash larger than 3 inches in diameter and 3 feet in length may be accomplished by piling and burning. All tree stumps within the excavated footprint may be shredded and scattered, or disposed of in a landfill. See Specification Section 01010 Sub-section 3.8.1 **(NOTE: The project specifications indicate that tree stumps shall be removed from the project site and disposed of at a properly licensed landfill facility; however, the BLM has agreed to allow shredding and scattering of all tree stumps.)** See Amendment #1

Q. Would it be acceptable to excavate a hole and bury the stumps?
A. No.

Q. Would it be acceptable to remove the stumps to private property?
A. No. This is the reason the original specifications indicate that the stumps must be disposed of at a properly licensed landfill facility, so that they would not be discarded on other property.

Q. Can shredded stumps and slash be used as the organic soil amendment?
A. No. The organic amendment product is subject to strict specifications. Shredded slash would not meet the specifications. See Specification Section 01010, Sub-section 3.11, and Section 02921.

Q. How high is the final surface of the repository?
A. Approximately 10 to 15-feet above existing grade, depending on the shrink factor and actual quantity of waste disposed. See Solicitation Dwgs, sheet #19

Q. Is there a compaction specification for material placed in the repository?
A. Yes, 90 percent of Standard Proctor maximum dry density, at -4 to +4 percent of the optimum moisture content. See Specification Section 01010, Sub-section 3.10.1.

Q. Is test pit data or soil reports for the repository area provided in the plans?
A. No. However, that information can be provided. See Amendment #1.

Q. What should be done if wet tailings are encountered?
A. Mix with dry materials to achieve the compaction specification. If necessary, lime may

be used to dehydrate the tailings. A specification for using lime is provided in the bid documents. This specification has been provided as a contingency and may not be necessary. See Specification Section 01010, Sub-section 3.12.

Q. How much soil needs to be moved from the repository area to the mine area?
A. 14,370 cubic yards to cover the excavated waste area (mill site and Cramer Creek floodplain) and 4,740 cubic yards to cover the backfilled cavern and open pit. See Bidding Schedule.

Q. How should the organic amendment be mixed with the cover soil?
A. The Contractor is required to submit a "Compost Mixing Plan" to describe how he plans to mix the organic material at the specified ratio. See Specification Section 01010, Sub-section 3.11.

Q. What is the required quantity of organic amendment?
A. 2,604 dry tons. See Bidding Schedule.

Q. Are there any special wildlife considerations (e.g., threatened or endangered species) to be aware of in the repository area?
A. No.

Q. Do hunters use this area in the fall?
A. Yes, this is a popular hunting location.

Q. Is this road open all year?
A. Yes. The road is not subject to any closures; however, snow conditions make the road impassible during the winter except for snowmobiles.

**Cavern / Open Pit Area**

Q. How much waste can be disposed of in the cavern?
A. Pioneer surveyed the cavern using Robotic Total Station surveying equipment and estimated the capacity of the cavern at approximately 23,000 cubic yards. See Specification Section 01010, Sub-section 3.10.

Q. Is there space available to turn around haul vehicles in close proximity to the cavern?
A. Yes.

Q. How will waste be disposed of in the cavern?
A. Pioneer suggests dumping waste near the largest open portal and pushing material into the cavern using a bulldozer. A small bulldozer is recommended. See Specification Section 01010, Sub-section 3.10.

Q. How high is the high wall that is subject to scaling?
A. Roughly 50 feet according to topographic data. The high wall has not been specifically

measured by Pioneer. See Solicitation Dwgs.

Q. Is it possible to get equipment above the high wall for tying off scalers?
A. It would not appear to be practical.

Q. Are there other methods available to tie off scalers?
A. Yes. To be determined by the Contractor.

Q. Is there a compaction specification for materials disposed in the cavern and open pit.
A. There is no compaction specification for materials disposed in the cavern; however, the compaction specification for materials disposed in the open pit as well as the area outside of the cavern is 90 percent of Standard Proctor maximum dry density, at -4 to +4 percent of the optimum moisture content, as indicated in the Summary of Work section of the bid documents. See Specification Section 01010, Sub-section 3.10.

Q. What should be done with the oversize rock created from blasting areas along the road to the upper cavern/open pit?
A. Staged on the side of the haul road (**NOT** Cramer Creek Road) where adequate space is available or disposed in the cavern or open pit. Please note that blasting may not be necessary, alternative methods are available to reconstruct the road. See Specification Section 01010, Sub-section 3.3.

Q. At what point will scaling of the high wall be considered good enough?
A. The objective is to eliminate any loose rock that could become dislodged by operating equipment in the area. Loose rock shall be removed to the extent that it is reasonable to expect that operating equipment in the area will not cause rock to fall off the high wall. The high wall is required to be inspected daily by the Contractor to determine when additional scaling may be necessary throughout the duration of the project. See Specification Section 01010, Sub-section 3.4.

Q. What condition is the road to the upper cavern to be left in after the project is complete?
A. Specifications for obliterating and reclaiming the road are included in the bid documents. The road should be left in a condition such that it is passable using an ATV, so the BLM can conduct maintenance on the reclaimed area in the future. See Specification Section 01010, Sub-section 3.16.

Q. Will any safety berm that is acceptable to the Mine Safety and Health Administration (MSHA) be acceptable for the road to the upper cavern?
A. Yes. The specifications for the safety berm included in the bid documents come directly from MSHA regulations. See Specification Section 01010, Sub-section 3.3.

Q. Would alternative methods to transport the waste to the disposal area be considered.
A. Yes, alternative methods would be considered if proposed by a Contractor.

ATTACHMENT A
LINTON MINE AND MILL SITE
RECLAMATION PROJECT
PRE-BID CONFERENCE / SITE TOUR ATTENDEE LIST

| Company | Representative | Address | Phone | E-mail |
|---|---|---|---|---|
| US Army COE | Mark Mailander | Rapid City | 605-341-3169 | Mark.a.Mailauder@usace.army.mil |
| USACE | Don Streib | Fort Peck, MT | 406-526-3411 | Don.r.streib@usace.army.mil |
| USACE | Dan Gillespie | Omaha, NE | 402-221-7168 | Daniel.j.Gillespie@usace.army.mail |
| BLM | Mike Browne | Butte, MT | 406-533-7607 | Micheal_Browne@blm.gov |
| Shumaker Trucking And Excavating | Joe Aline | P.O. Box 1279<br>Great Falls, MT<br>59403 | 727-3537<br>Fax: 727-9995 | Joe@shumaker.psemail.com |
| Envirocon | Bill Whealy | 101 International Way<br>Missoula, MT 59801 | 523-1185 | bwhealy@envirocon.com |
| Envirocon | Leonard Pickett | 101 Internationl Way<br>Missoula, MT 59801 | 475-9295 | lpickett@envircon.com |
| Bullock | Buster Bullock | P.O. Box 364<br>Boulder, MT<br>59632 | 225-3894 | N/A |
| Envirocon | Jim Higgins | P.O. Box 16655<br>Missoula, MT 59808 | 406-825-7366 | jhiggins@envirocon.com |
| Riverside Contracting | Russ Gaub | 5571 Alloy South<br>Missoula, MT 59802 | 406-771-9767 | N/A |
| Holman Consulting (Testing) | Chris Holman | 2010 S. Reserve St.<br>Missoula, MT 59801 | 406-543-3100 | chris@holmanengineer.com |
| Little Bear Construction | Andy Weaver | Box 981<br>Clinton, MT 59825 | 406-825-7366 | N/A |
| Mungus Co. Inc. | Nolan Smith | P.O. 236<br>Phillipsburg, MT 55858 | 406-859-3203 | mungusco@blackfoot.net |

* List may be subject to spelling errors due to illegible sign-in sheet.

| Company | Representative | Address | Phone | E-mail |
|---|---|---|---|---|
| Falcon Construction, LLC | David Myhue | 831 Hastings<br>Missoula, MT 59801 | 406-459-2913 | falcondm@initco.net |
| MCS Environmental | Tom McCamant<br>Eric Smart | 5562 Alley South<br>Missoula, MT 59801 | 406-728-7755 | e.smart@mcs.environmental.com |
| Sierra Rock & Dirt | Rick McDaniel | 600 Central Ave<br>Suite 411<br>Great Falls, MT | 406-453-1650 | Rockndirt@myexcel.com |
| JTL Group, Inc. | David Orbe | Box 790<br>Missoula, MT 59806 | 406-453-5208 | orbe@jhgroup.com |
| North Wind, Inc. | John Hoak | P.O. 51174<br>Idaho Falls, ID<br>83405 | 208-557-7844<br>208-818-5475 | jhoak@nwindenv.com |
| C.R.E. Inc. | Rick Gunderson | 2530 Woody Dr.<br>Billings, MT 59102 | 406-656-1770 | crecorp@bresgn.net |
| Wilder | Rusty Giulio | N/A | 425-239-1580 | N/A |
| OFTEDAL | Kyle Thomas | Box 400 Yellowstone Hill<br>Miles City, MT<br>59301 | 406-232-5911 | half@mcm.net |
| N.A. Degerstrom | Gary Craig | 3303 N Sullivan<br>Spokane, WA | 509-928-3533 | N/A |
| Cuddy & Assoc | Chuck Cuddy | P.O. Box 64<br>Orofino, ID 83544 | N/A | N/A |
| Pioneer Technical Services, Inc. | Shawn Bisch | 63 ½ West Broadway<br>Butte, MT 59701 | 406-782-5177 | sbisch@jpioneer-technical.com |
| Pioneer Technical Services, Inc. | Marty Bennett | 63 ½ West Broadway<br>Butte, MT 59701 | 406-782-5177 | mbennett@pioneer-technical.com |
| Pioneer Technical Services, Inc. | Robin Bolton | 63 ½ West Broadway<br>Butte, MT 59701 | 406-782-5177 | rbolton@pioneer-technical.com |

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